



MnDOT's Vision for Bicycling in Minnesota

MnDOT's Role in Bicycle Planning and the 5E's - Engineering, Evaluation, Education, Enforcement, and Encouragement – to help advance bicycling

MnDOT's role in Minnesota's bicycle system involves planning and the 5E's - engineering, education, evaluation, encouragement and enforcement. The goal is to bring the agency to a common vision for bicycling in Minnesota, and concurrently to an understanding within the agency and with external partners of its role in bicycling.

Vision for Bicycling in Minnesota

Bicycling is a safe, convenient, and accessible transportation option that positively contributes to the quality of life in Minnesota. Minnesota's bicycle network is comprised of both on-road and off-road bicycle facilities integrated within national, state, regional and local multimodal transportation systems that connect people to the places they live, work, learn, play and access services year round. The bicycle network is an increasingly important component of Minnesota's interconnected multimodal transportation system; reliable funding for planning, implementation and maintenance supports this vision and ensures its implementation.

MnDOT's Role in Bicycle Planning

MnDOT is committed to contributing to the national, state, regional and local bicycle systems knowing that state highways can facilitate connections by eliminating barriers and gaps in order to make bicycling a safe, convenient, and accessible transportation option in Minnesota. MnDOT will lead bicycle system planning efforts in Minnesota at the statewide and district levels. MnDOT will participate in and coordinate with other bicycle and transportation system planning efforts at the national, regional and local levels and with other state agencies such as MDH, DPS, DNR, EMT, and PCA. MnDOT will communicate and involve stakeholders as part of planning and project development.

The 5E's - Engineering, Evaluation, Education, Enforcement, and Encouragement

The 5 E's are considered nationally to describe points of intervention in advancing bicycling.

MnDOT's Role in Engineering

MnDOT will lead by example by always considering integrating bicycle infrastructure in its projects that can facilitate connections by eliminating barriers and gaps along and across the state highway system, including during project construction. The MnDOT Bikeway Facility Design Manual will provide flexible design standards and guidance that are easily accessible and applied across the state to create a safe, convenient, accessible and predictable network for all users. The Statewide Bicycle System Plan and District Bicycle System Plans will provide investment guidance for prioritizing implementation of an interconnected statewide system.

MnDOT's Role in Evaluation

MnDOT will evaluate the statewide bicycle system by establishing performance measures for bicycle safety, use and infrastructure assets. MnDOT will collect, store, and maintain accessible data that will be used to measure performance on a regular basis. MnDOT will establish baseline levels and set targets to gauge the effectiveness of bicycle related investments and regularly update plans accordingly.

MnDOT's Role in Education

MnDOT will lead statewide bicycle safety education campaigns, such as Share the Road, to educate both motorized and non-motorized drivers and law enforcement professionals. MnDOT will participate in and coordinate with state and local agencies to implement Toward Zero Deaths (TZD) professional education which focuses on eliminating fatalities for all road users. MnDOT will create bikeway facility design training curricula, provide training sessions statewide and promote its use by local agencies. MnDOT will collaborate with state and local agencies, schools and organizations to advance bicycle education and safety through initiatives such as Safe Routes to School, Bicycle Friendly Community workshops, Pedal Minnesota, and in collaboration with the Minnesota Department of Health's State Health Improvement Program and Active Living initiatives.

MnDOT's Role in Enforcement

MnDOT will coordinate and participate in safety campaigns to raise awareness for enforcement agencies on bicycle related laws and policies. MnDOT will work with law enforcement agencies to understand emerging and systemic issues to address through safety and education campaigns. MnDOT will promote awareness and compliance with bicycle related laws and policies through the Share the Road campaign and by disseminating safety data to enforcement agencies as well as the general public.

MnDOT's Role in Encouragement

Encouragement supports all the other E's by getting more people to bicycle in a safe and predictable manner. MnDOT will produce and update a statewide bicycle map. MnDOT will collaborate with state and local agencies and organizations to encourage ridership through providing increased and safer access to the bicycle system, publishing maps and wayfinding tools, undertaking marketing and tourism campaigns such as Pedal Minnesota, and disseminating information about the multiple benefits of bicycling to the general public, businesses and communities. MnDOT will continue to work with its partners to advance bicycling in Minnesota, especially usage as research shows that there is safety in numbers.